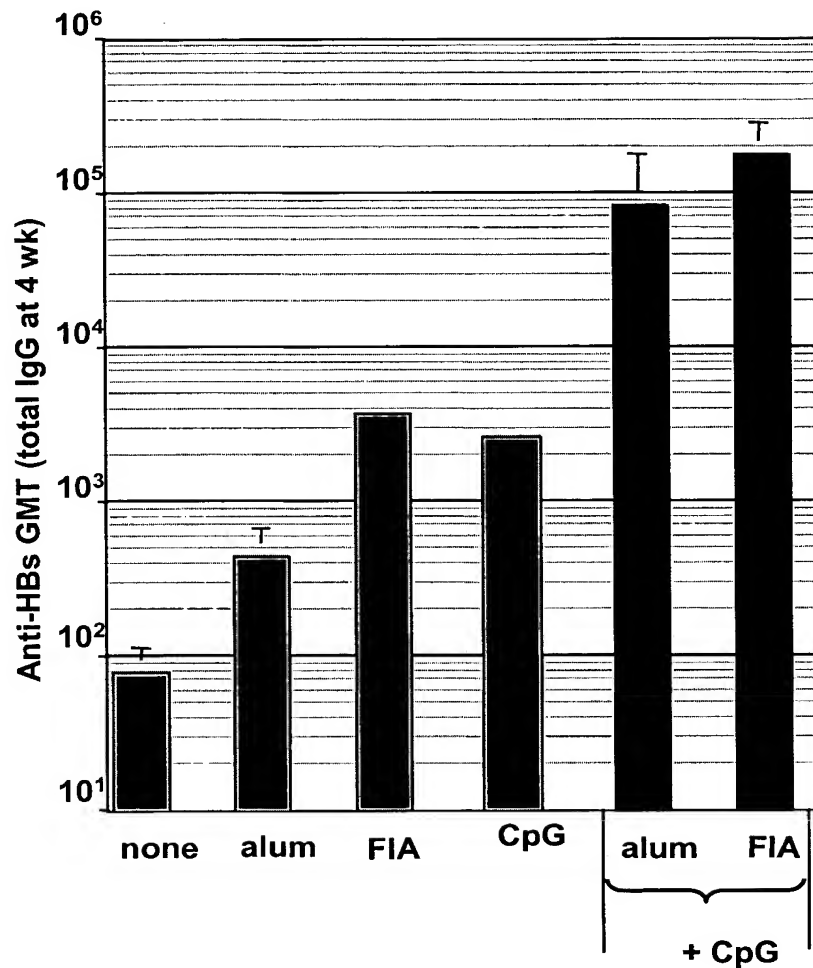




EXHIBIT 1

Figure 1



Adult (6-8 wk; n=10/gp) BALB/c mice were immunized with 1 μ g HBsAg with: (i) no adjuvant; (ii) alum (25 μ g AL³⁺); (iii) FIA (1:1 v/v); (iv) CpG ODN 1826 (10 μ g/animal ; (v) CpG ODN + alum; and (vi) CpG ODN + FIA. Animals were bled at 4 weeks post prime and plasma assayed for total IgG levels against HBsAg (Anti-HBs). Each bar represents the geometric mean (\pm SEM) of the ELISA end point dilution titer of anti-HBs total IgG for the entire group (n=10). Titers were defined as the highest dilution resulting in an absorbance value two times that of non-immune plasma with a cut-off value of 0.05.

Figure 2

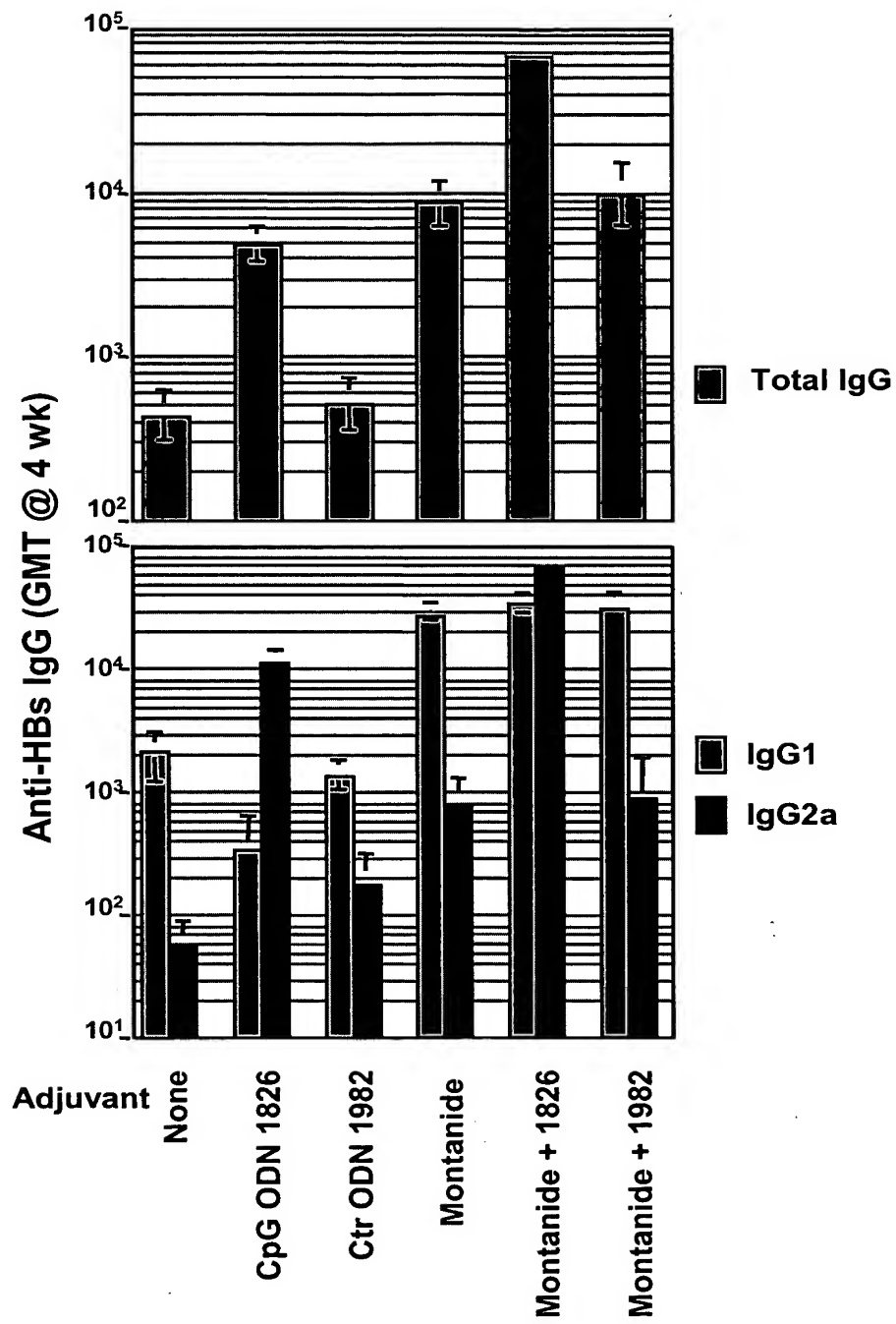
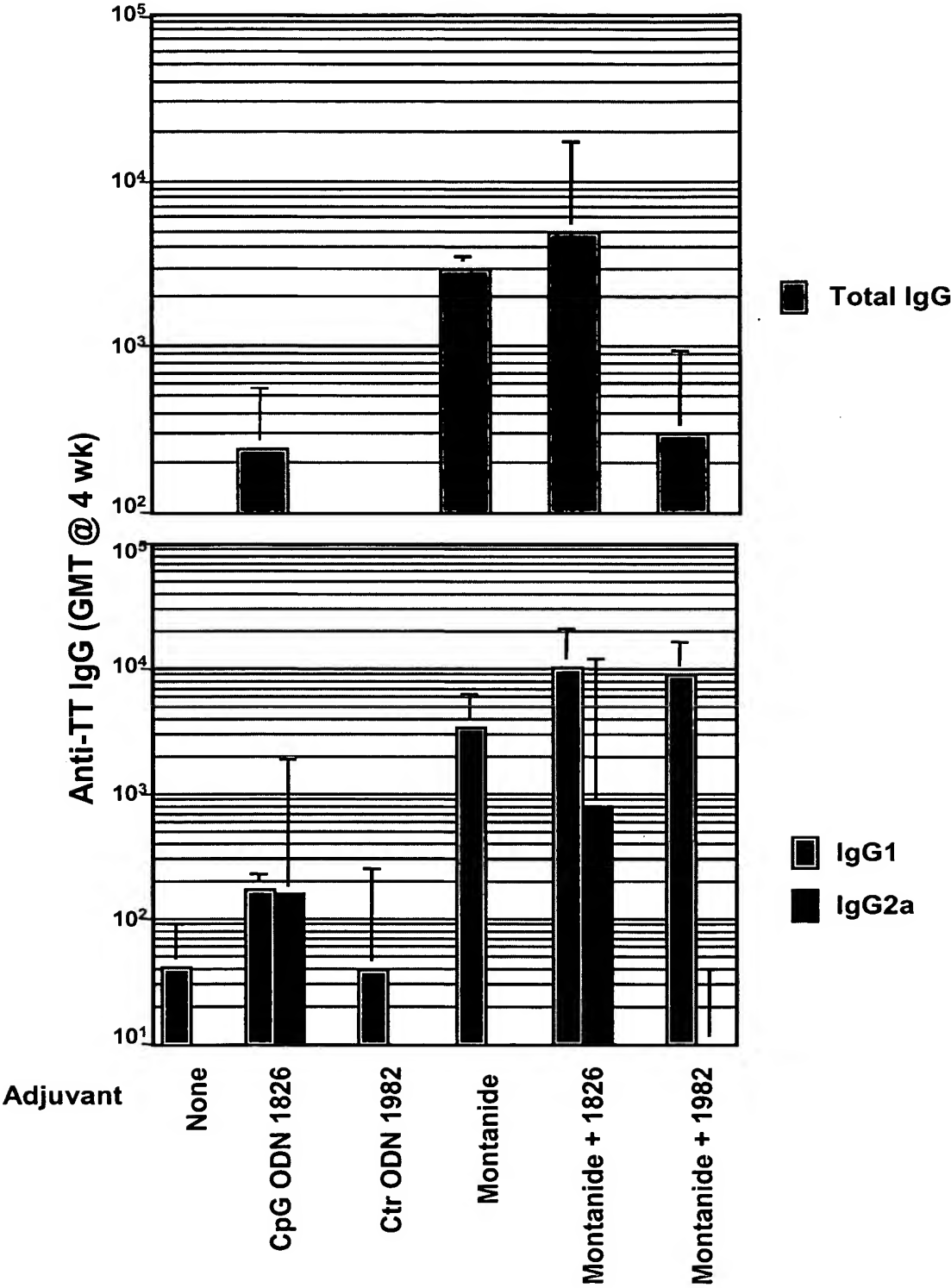


Figure 3



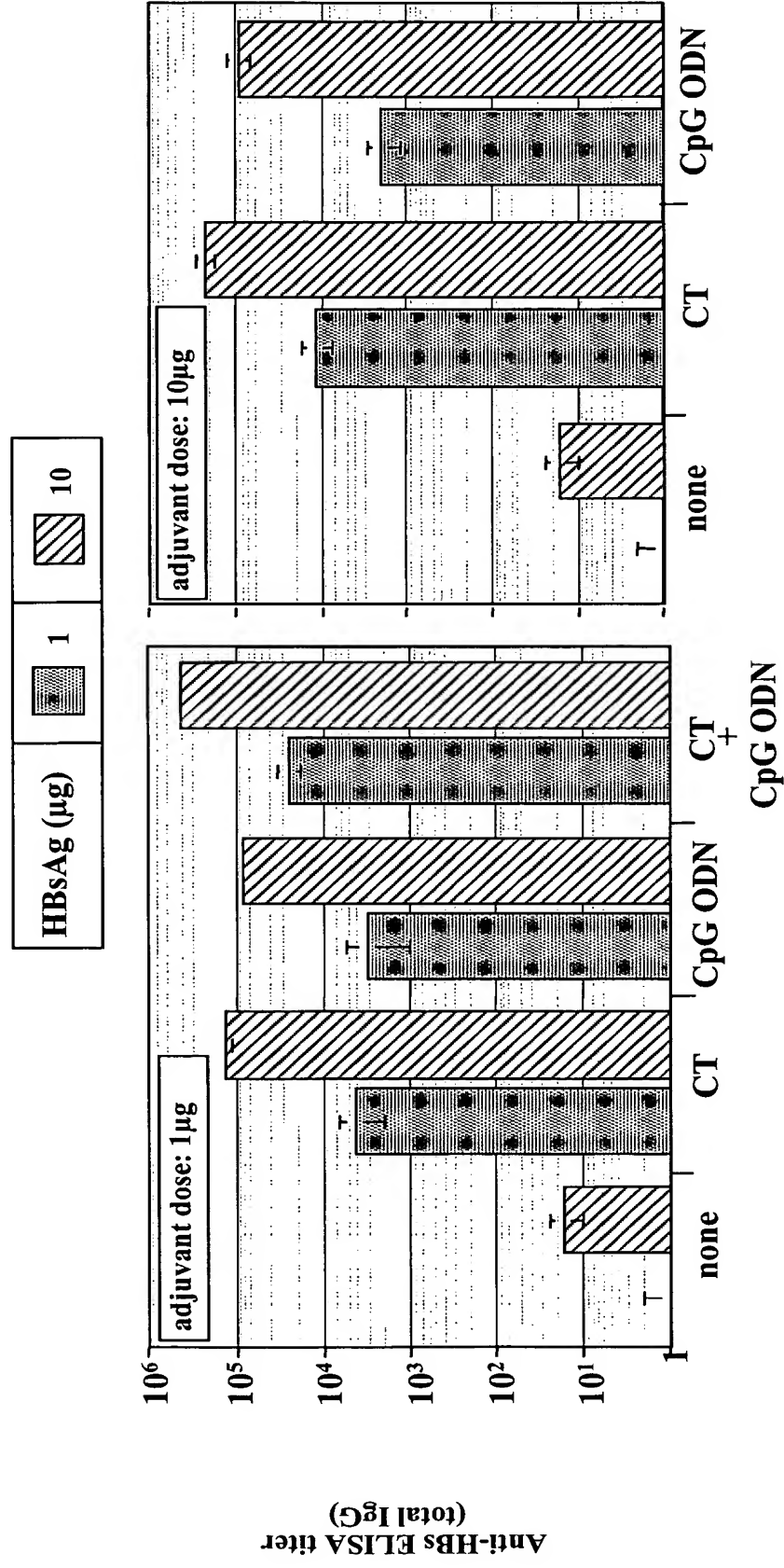


Figure 4

Figure 5

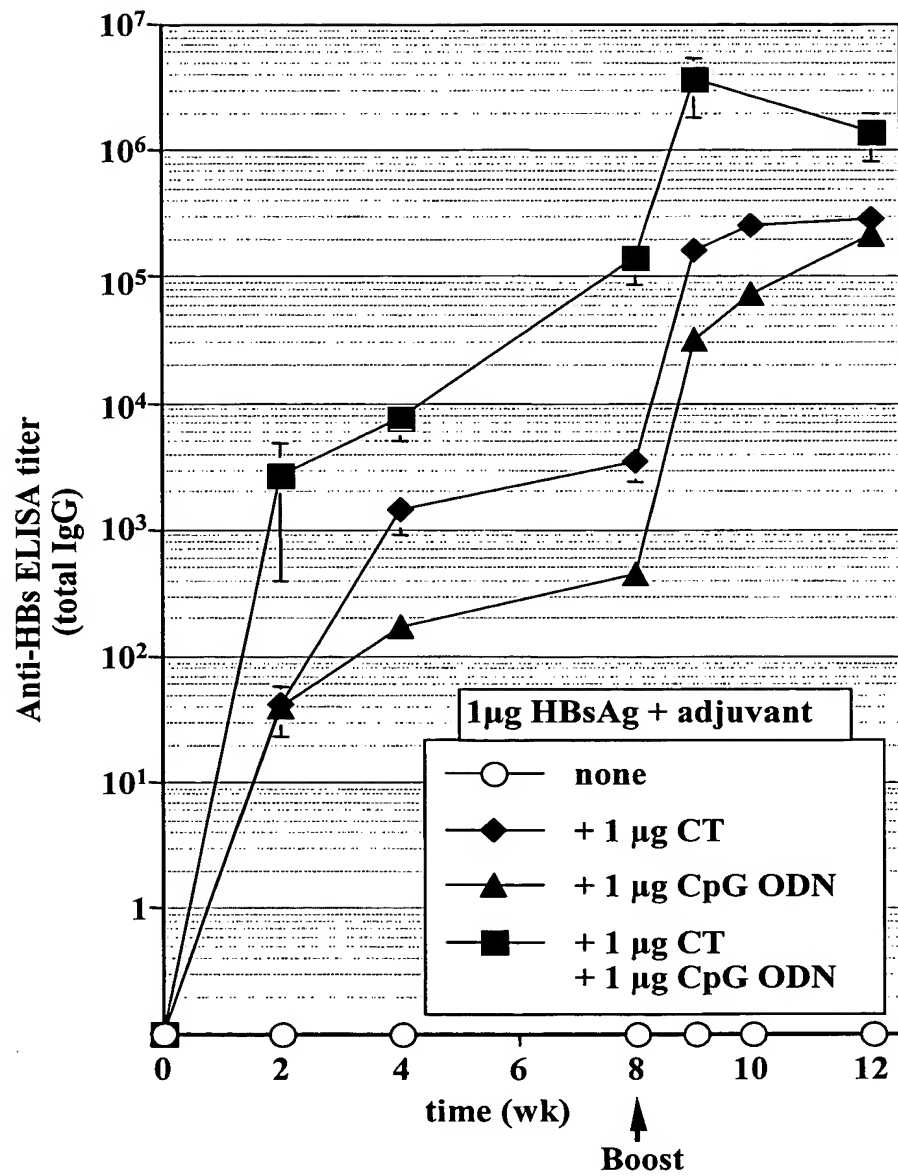


Figure 6

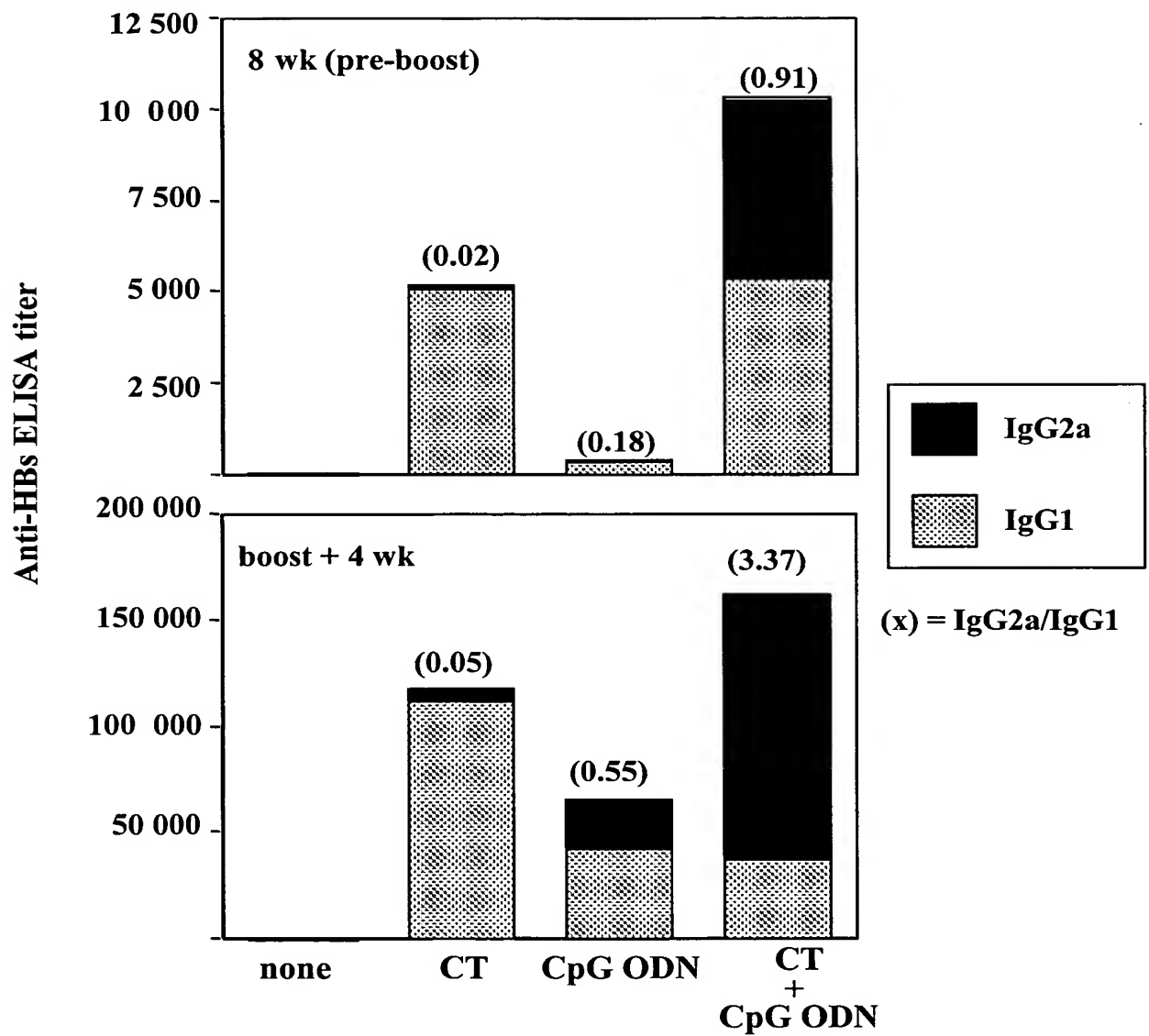
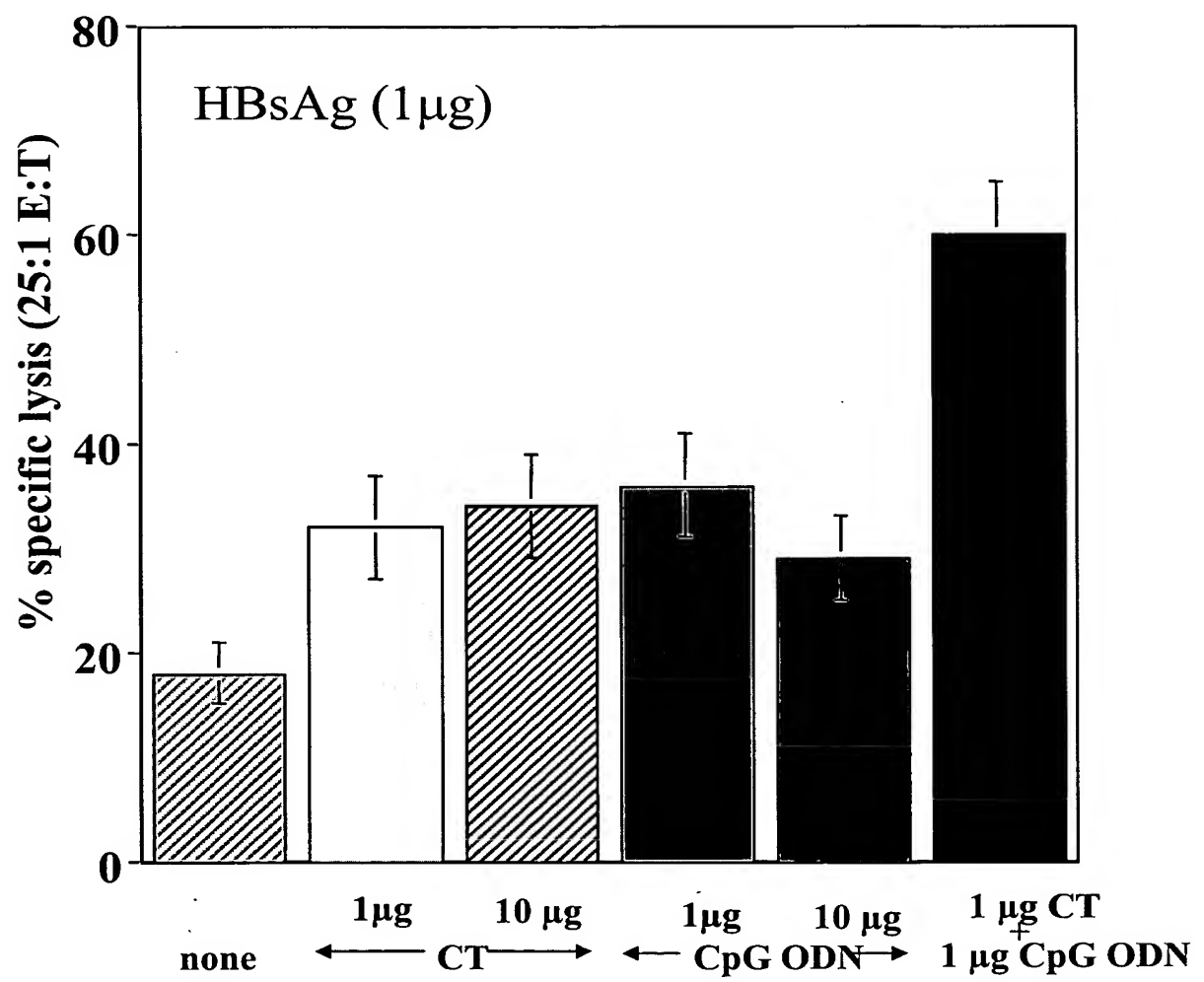


Figure 7



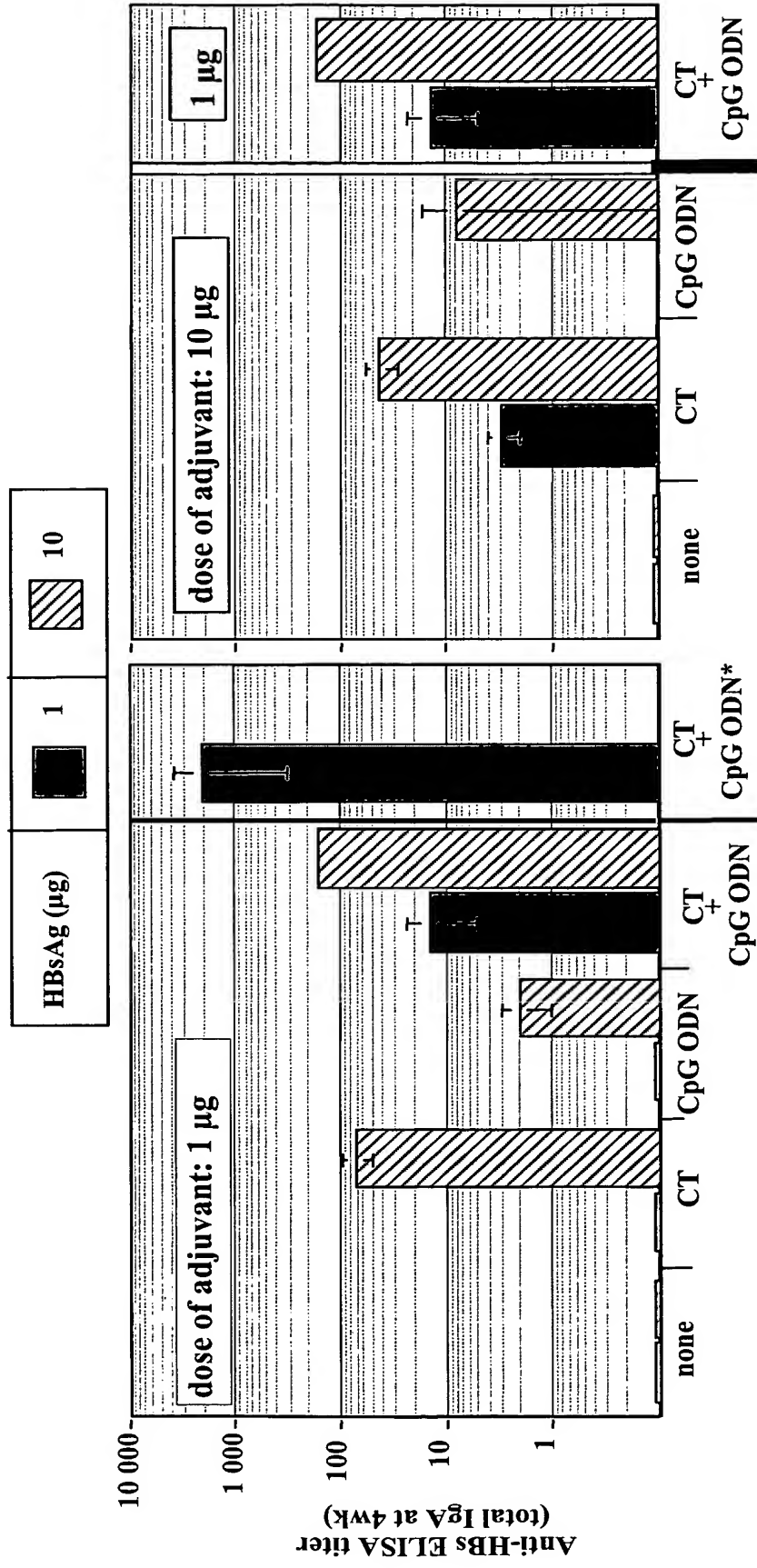


Figure 8

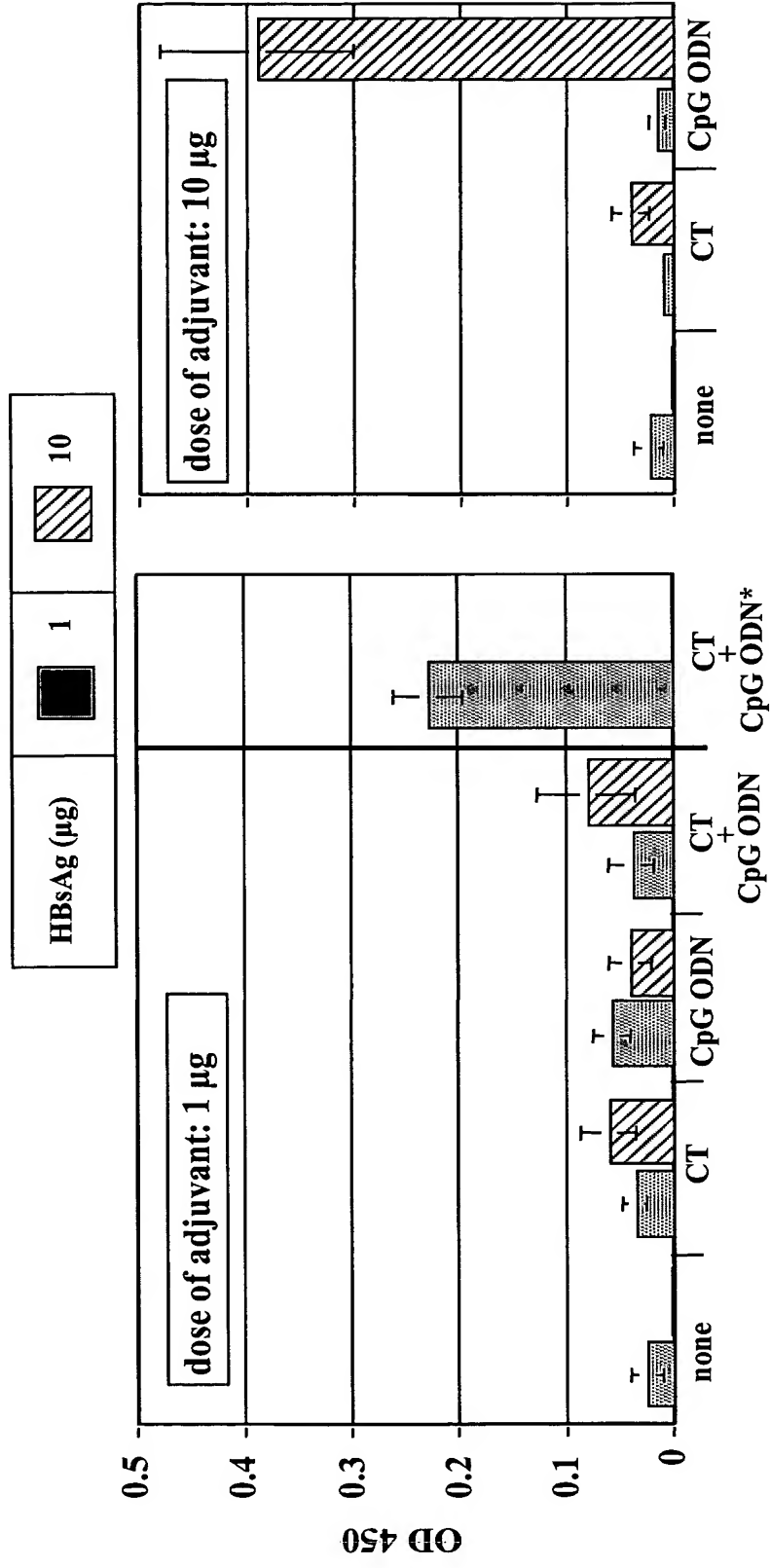


Figure 9

Figure 10

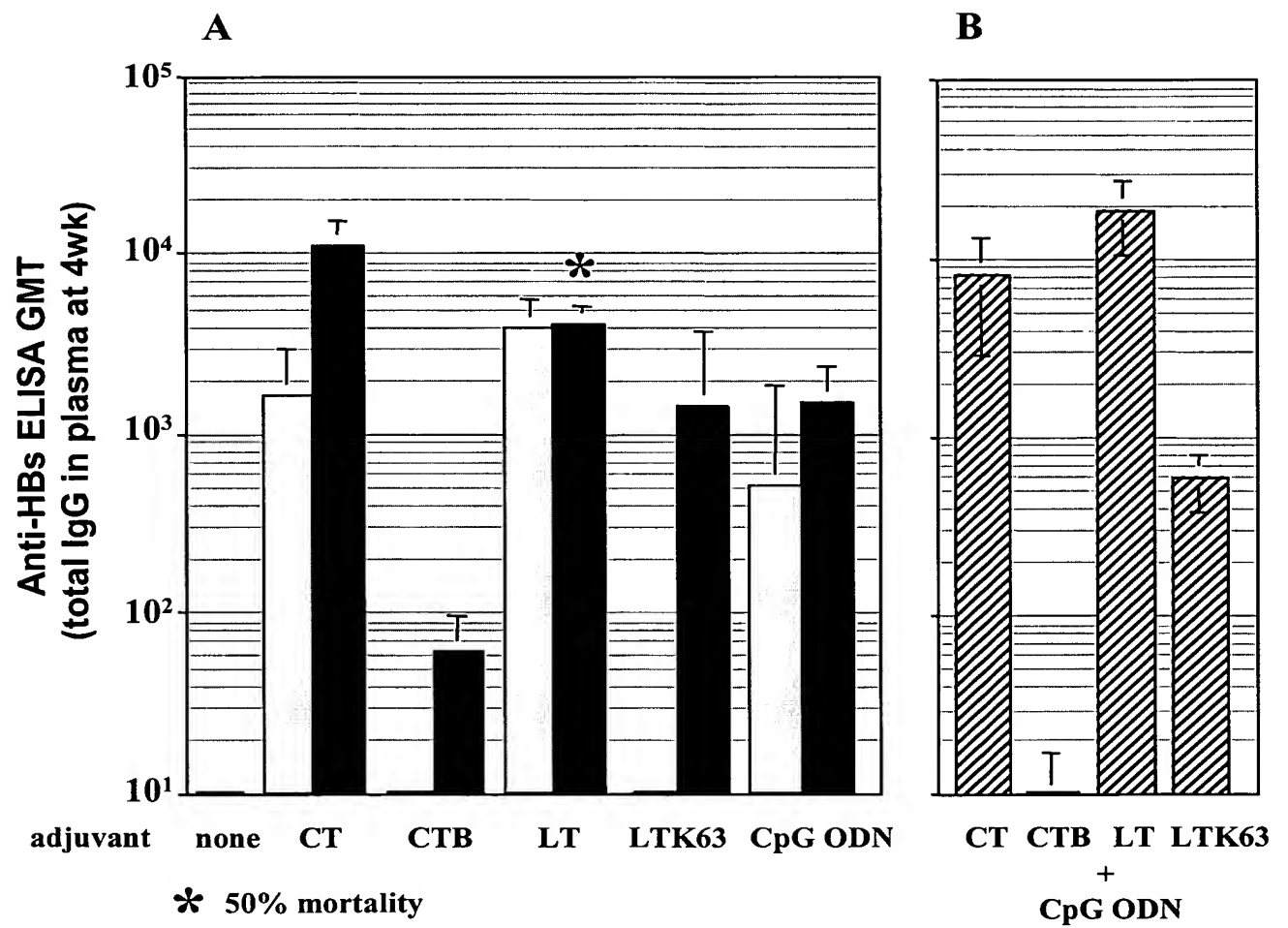


Figure 11

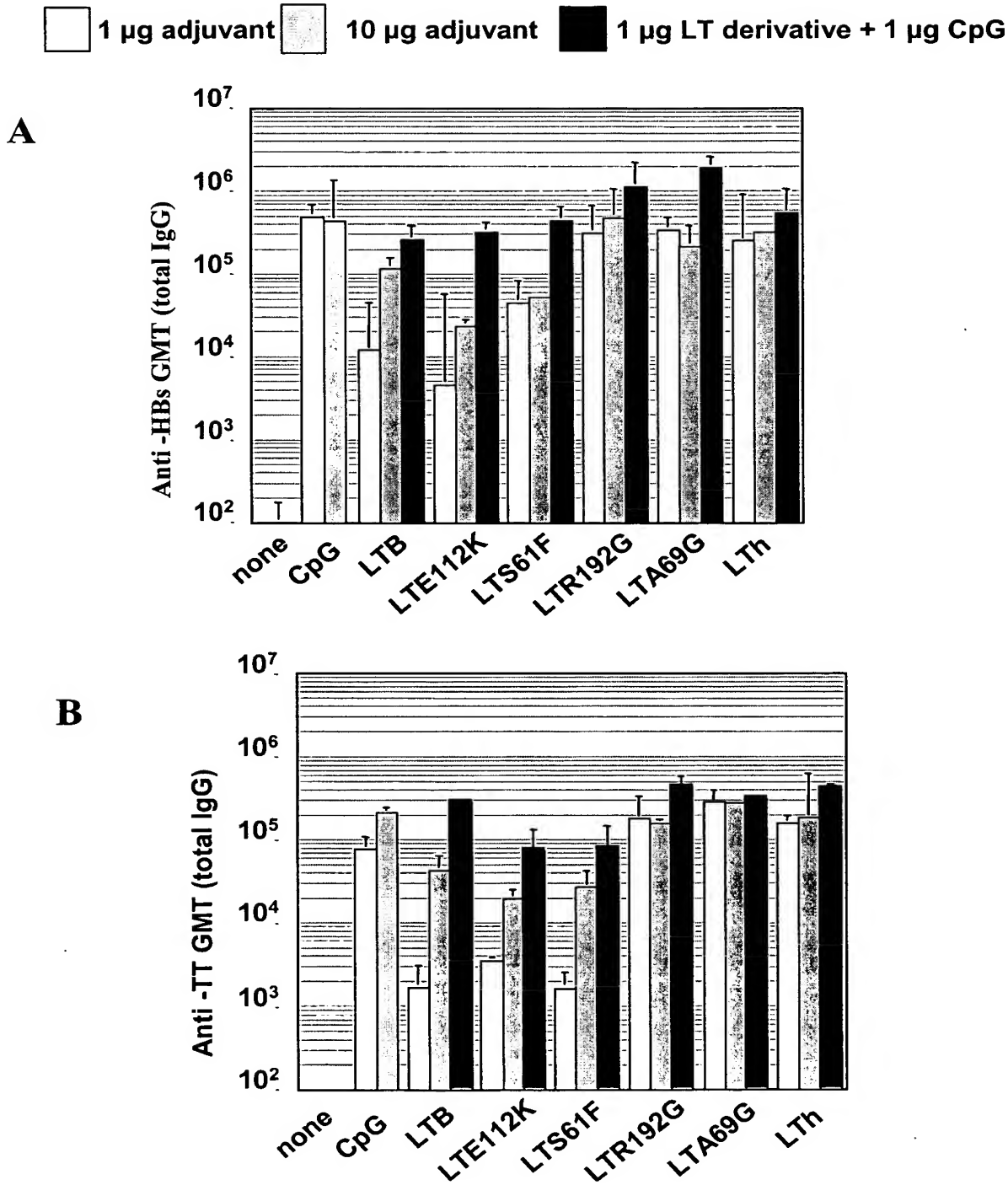


Figure 12

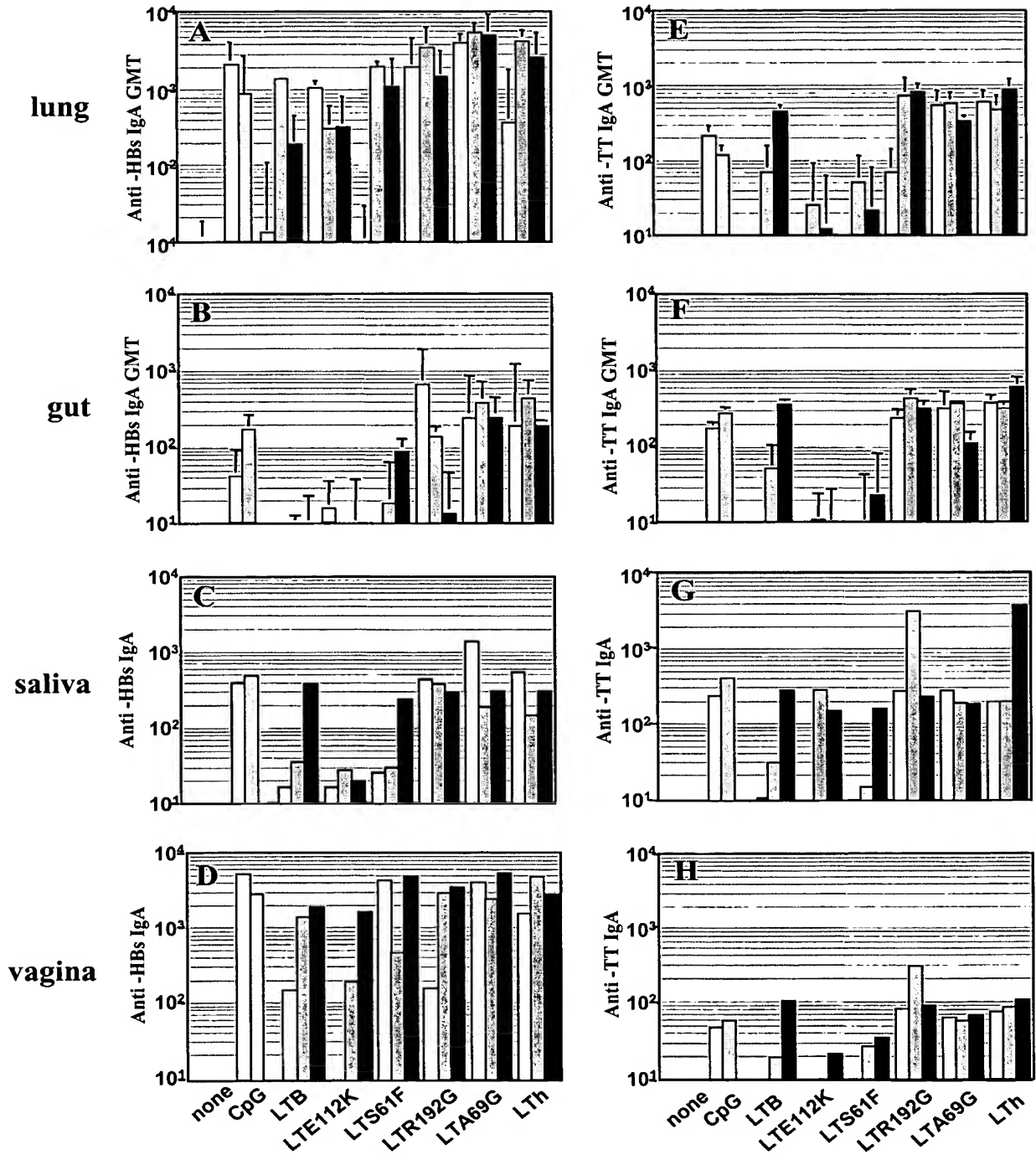


Figure 13

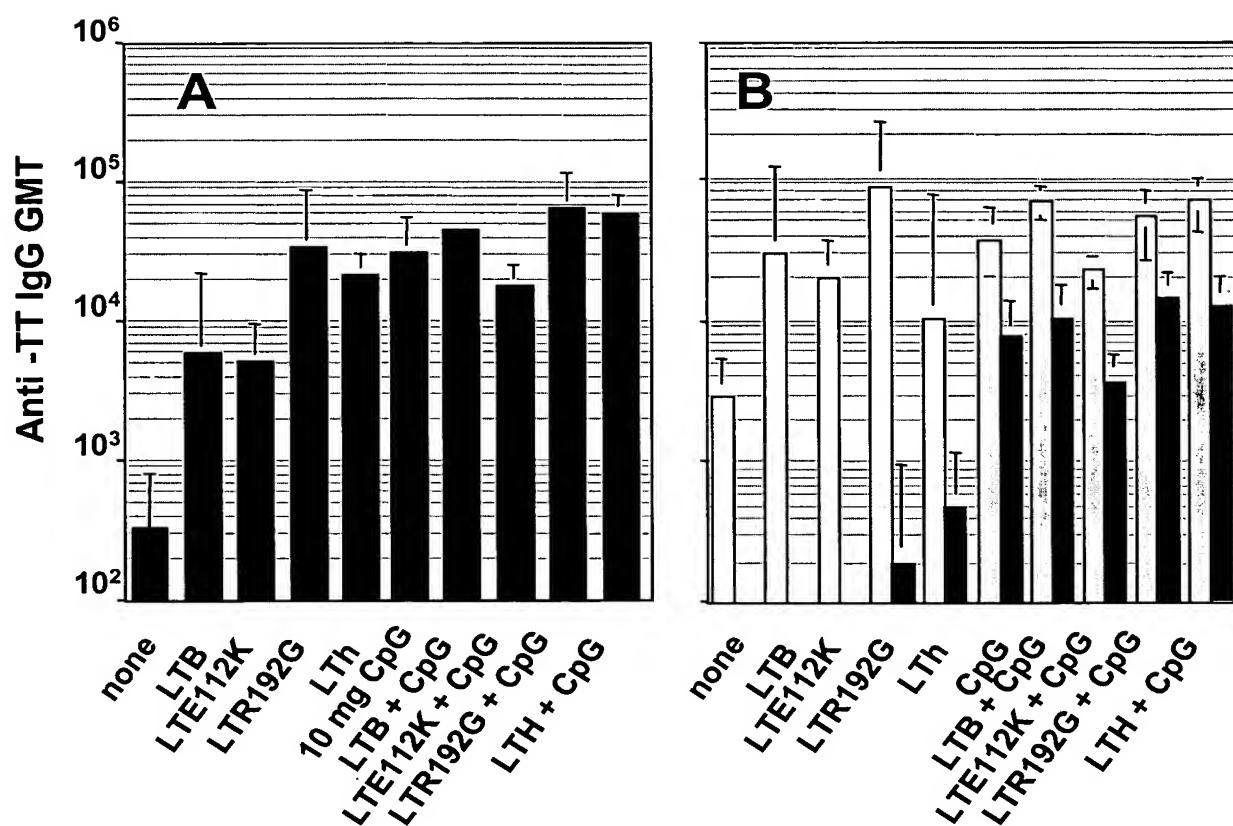


Figure 14

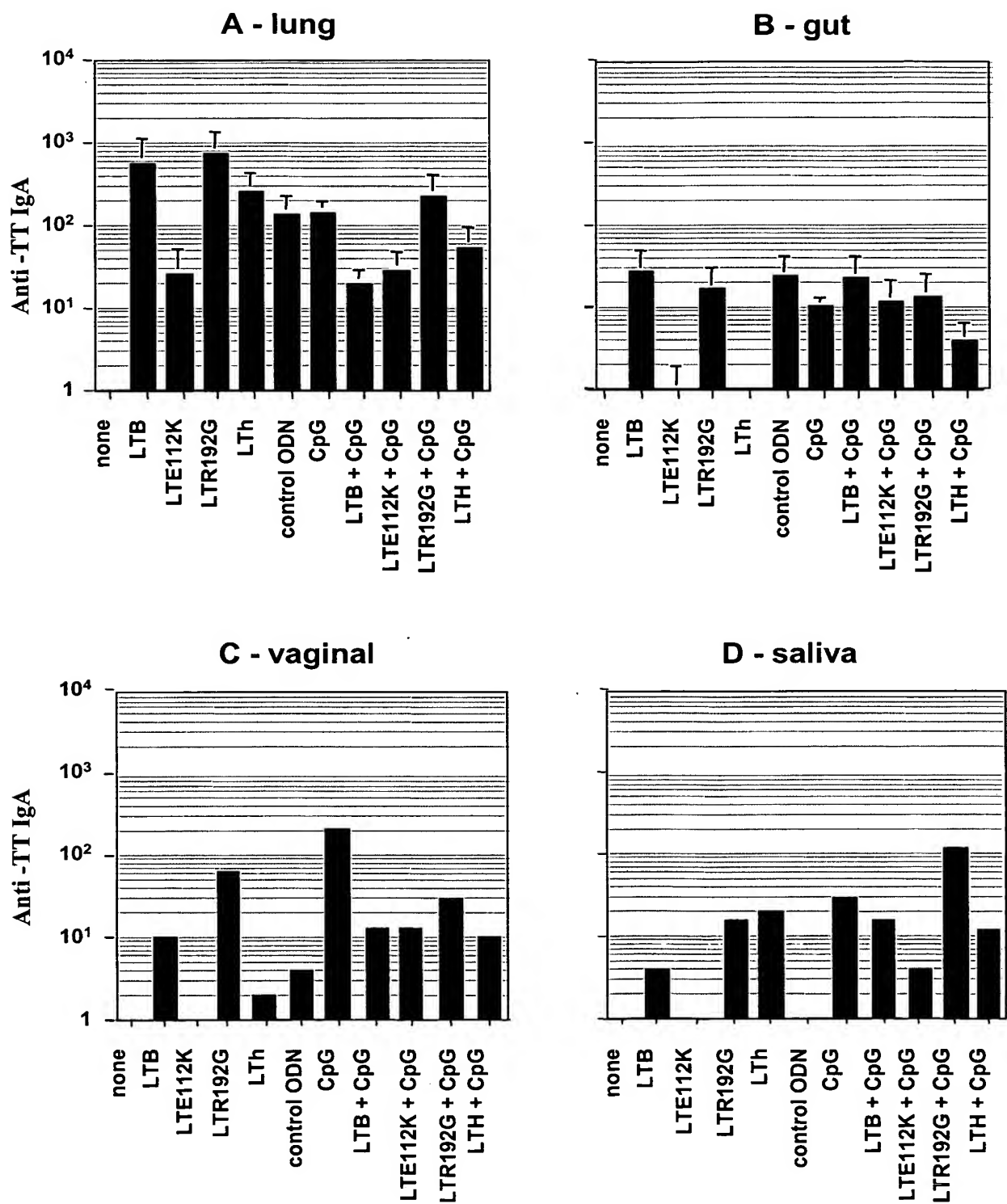


Figure 15

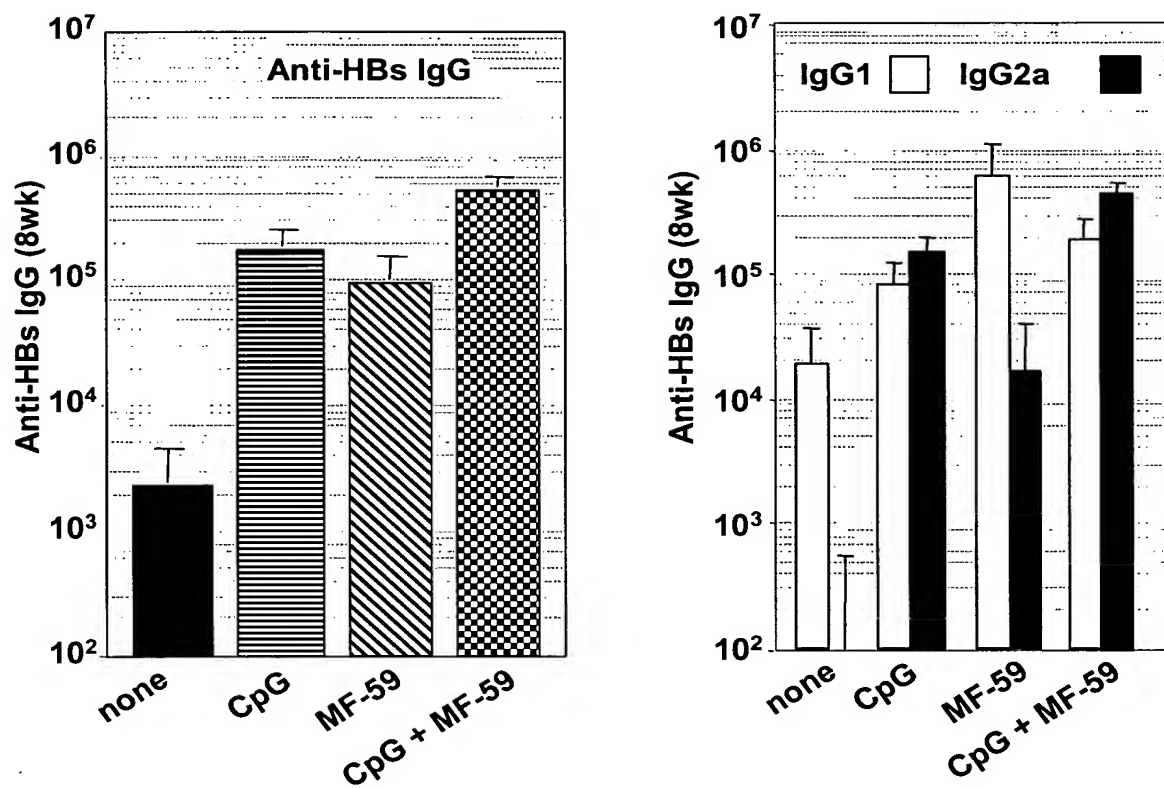


Figure 16

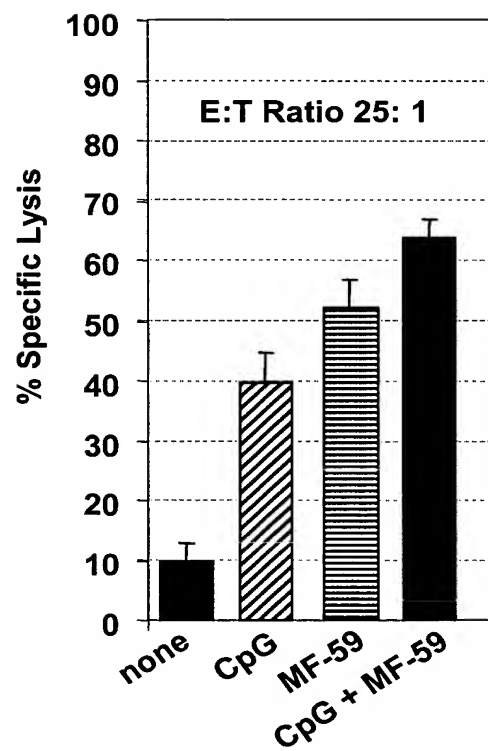
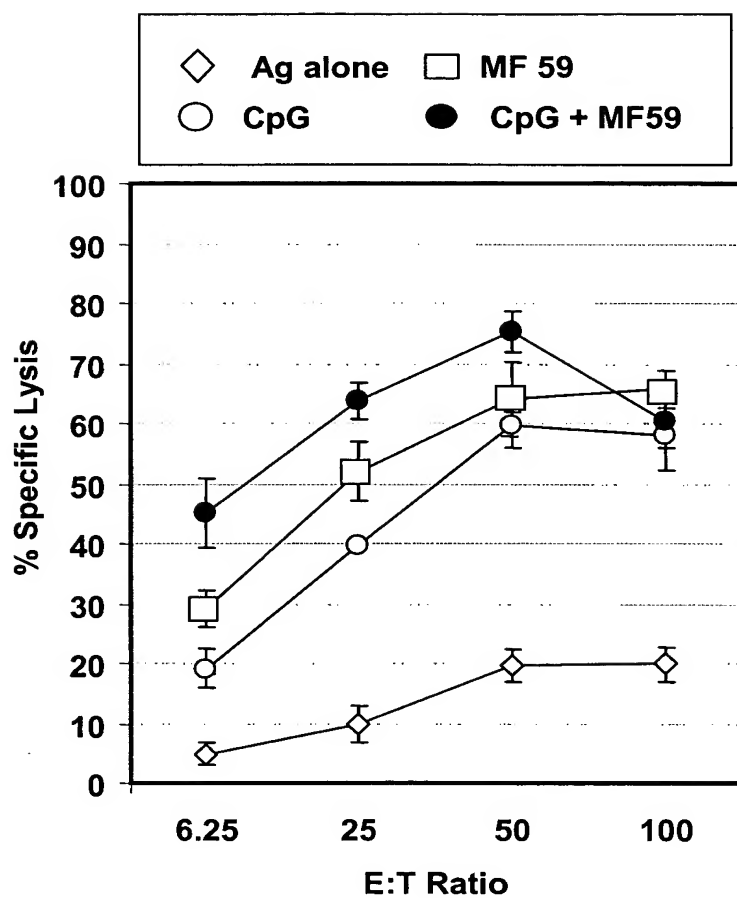
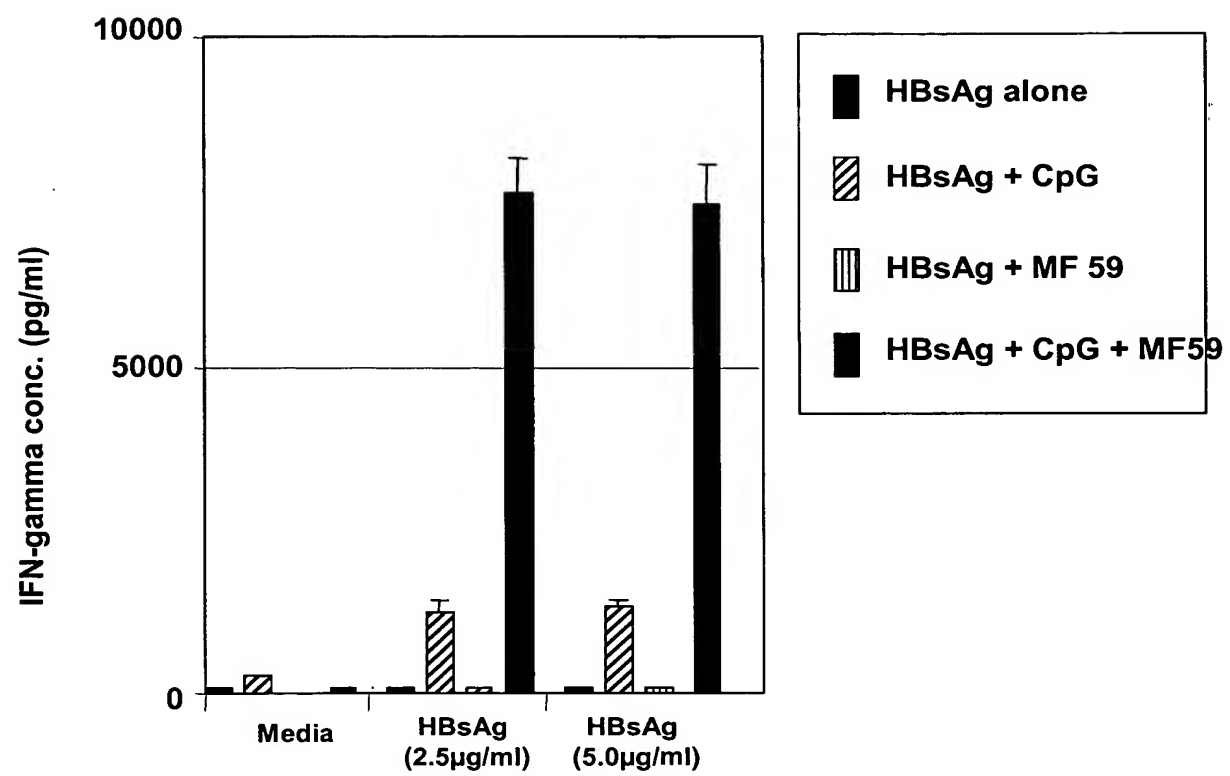


Figure 17



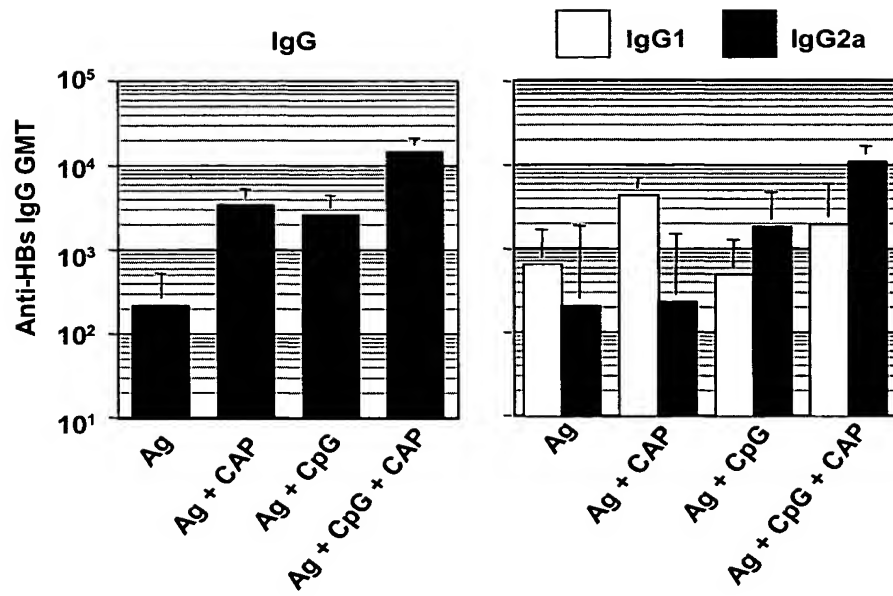


Figure 18